

# ADAPTIVE CALL ADMISSION CONTROL FOR USE IN A WIRELESS COMMUNICATION SYSTEM

## Abstract of the Disclosure

The invention relates to communication systems and to systems and methods for implementing adaptive call admission control (CAC) in such systems. Adaptive call admission control can determine what CPE to base station calls (connections) are allowed at any given time. CAC, coupled with precedence, can further determine what connections are suspended if less bandwidth is available than is currently committed. Multiple techniques are disclosed to select connections for suspension. These techniques include suspending enough connections through the affected CPE until there is enough bandwidth to meet the remaining commitment, randomly (or in a round robin fashion) choosing connection to suspend from the entire set of connection, and using precedence priority levels.

\\DOCS\_SD\FILES\DOCS\VFH\VFH-1743.DOC  
121401

TOP SECRET